

## **DRIVE BELT COOLING STRUCTURE FOR ENGINE**

### Abstract of the Disclosure

A drive belt cooling structure for an offroad vehicle including an internal combustion engine. The engine has at least one cylinder, a piston positioned in the cylinder, and a crankshaft. The transmission includes a transmission chamber defined by a transmission case. A primary shaft of the transmission is driven by the crankshaft. A main shaft of the transmission is offset from the primary shaft and is driven by the primary shaft through a drive belt. The main shaft is arranged to drive at least one of the wheels. The primary shaft is supported by a support bracket, the support bracket being connected to the crankcase. An air inlet is adapted to permit entry of cooling air into the transmission chamber, and an air guide is configured to direct a flow of cooling air into the transmission chamber along the drive belt, the air guide being connected to the support bracket.

G:\DOCS\YAMAHA\FY50738US0APP.DOC  
103103